

Title (en)

CERVICAL CELL TISSUE SELF-SAMPLING DEVICE

Title (de)

VORRICHTUNG ZUR SELBSTPROBENNANHME VON ZERVIKALEM ZELLGEWEBE

Title (fr)

DISPOSITIF D'AUTO-ÉCHANTILLONNAGE DE TISSU DE CELLULES CERVICALES

Publication

EP 2736419 A4 20150506 (EN)

Application

EP 12830698 A 20120831

Priority

- US 201161532724 P 20110909
- US 2012053355 W 20120831

Abstract (en)

[origin: US2013066233A1] A device, a kit, and a method of use thereof, for self-administration and collection of cervical cell tissue samples such as for Pap smear testing. The device comprises an insertion tube, within which is carried a movable cervical aligning tool with an aligning probe, and a cellular sampling tool with a cellular adhesion surface. The aligning probe and cellular adhesion surface can be selectively movable relative to the insertion tube to improve accuracy of the testing and user safety.

IPC 8 full level

A61B 10/02 (2006.01); **A61B 17/34** (2006.01); **C12M 1/26** (2006.01)

CPC (source: EP RU US)

A61B 10/0291 (2013.01 - EP RU US); **A61B 2010/0216** (2013.01 - EP US)

Citation (search report)

- [A] US 4157709 A 19790612 - KOPITO LOUIS [US], et al
- [A] US 6364832 B1 20020402 - PROPP DONALD J [US]
- [A] US 2011087133 A1 20110414 - CHING VICTORIA JESSICA [CA], et al
- [A] US 2002111562 A1 20020815 - RICHARDS MICHAEL OWEN [US]
- See references of WO 2013036447A1

Cited by

WO2019106408A1; EP4400060A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

US 2013066233 A1 20130314; US 8460209 B2 20130611; AU 2012304765 A1 20140320; AU 2012304765 B2 20160331; CA 2847397 A1 20130314; CA 2847397 C 20190611; EP 2736419 A1 20140604; EP 2736419 A4 20150506; EP 2736419 B1 20161012; ES 2610927 T3 20170504; NZ 621851 A 20150925; RU 2014112550 A 20151020; RU 2617064 C2 20170419; US 2013253372 A1 20130926; US 2014249450 A1 20140904; US 8672861 B2 20140318; US 9282950 B2 20160315; WO 2013036447 A1 20130314; ZA 201401712 B 20150128

DOCDB simple family (application)

US 201213600869 A 20120831; AU 2012304765 A 20120831; CA 2847397 A 20120831; EP 12830698 A 20120831; ES 12830698 T 20120831; NZ 62185112 A 20120831; RU 2014112550 A 20120831; US 2012053355 W 20120831; US 201313900173 A 20130522; US 201414192989 A 20140228; ZA 201401712 A 20140307